

New Products

EyeQ boards have been released by New Video Corp., 220 Main St., Suite C, Venice, CA 90291. The product is an integrated video processing board for the Macintosh, which is based on Intel's i750 video processor. The EyeQ 750/8 PS Playback Solution offers real-time compression, decompression, and playback of full-screen, 30 frame/sec video, as well as graphics, overlay, special-effects capabilities, video in a window, and NTSC video signal out. The EyeQ 750/8 AS Authoring Solution offers real-time digitizing of full-motion video and 16-bit, 44-kHz CD-quality audio, and of the playback features of the PS system. The AS product also includes authoring utilities for interfacing with such popular multimedia software products as Macromedia's Authorware Pro and Director, and Claris Hypercard.

Key-Log has been announced by Evertz Microsystems Ltd., 3465 Mainway, Burlington, Ont., Canada L7M 1A9. The product is a powerful PC-based logging program that facilitates the collection of film bar code, time code, and film production data during a transfer of film-originated material to videotape. Jointly developed by Evertz and American Zoetrope, the product is a simple-to-operate automatic logging system that captures all of the relevant information at telecine for later uploading to nonlinear systems for tracking film, tape, and sound movement through the editorial process, and for generating hard-copy reports for lab work orders, assistant editor code books, and more.



Vistek Electronics component digital mixer

The D8001/4 and D8001/8 by Vistek Electronics Ltd., Unit C, Wessex Rd., Bourne End, Buckinghamshire SL8 5DT, England, are component digital vision mixers. With 4:2:2 serial (270 Mbits/sec) digital video interconnections, the products integrate perfectly with today's VTRs, DVEs, and character generators.

The transparency of the signal manipulation within these mixers makes them ideally suited for use in 4:2:2 telecine and graphics areas. The D8001/4 has 4:2:2:4 video processing and provides the solution for high-quality cost-effective post-production. The D8001/8 incorporates the company's innovative 8:4:4:8 keying technology for applications where the utmost in video quality is demanded. Both products feature mask frame stores, dual auxiliary buses with Alpha-Trak™ for simple integration of DVEs, and high-quality chroma keying. The D8001/8 also has color correction.

A component digital switcher was announced by Abekas Video Systems, Inc., 101 Galveston Dr., Redwood City, CA 94063. The A83 is entirely compatible with existing D-1 parallel digital, serial digital, and analog-component formats. The unit has 32 user-definable inputs and 3 Mix Effects modules that offer exceptional keying quality and compositing power without compromising video performance. Each Mix Effects module has two high-quality, full-function digital keyers. Each keyer has a unique luminance compositing frame store that allows complicated mattes to be drawn within the switcher. The product can record up to 200 sec of video onto optional cache recorders. The unit is maintenance free with only one adjustment in the entire switcher.

DS-1450-1, a television demodulator system, was unveiled by Tektronix, Inc., Howard Vollum Industrial Park, P.O. Box 500, Beaverton, OR 97077-0001. The product, which incorporates the company's 1450 mainframe and the TDC-10 tunable downconverter, provides accurate demodulation of cable TV signals for use with baseband video measurement equipment. The unit's unique circuitry virtually eliminates demodulation distortion, delivering a transparent picture of performance levels.

The TDC-10 tunable downconverter is a device that provides selectable RF-to-IF frequency conversion for the company's 1450 Series demodulator mainframe. Usable across the entire cable band (channels 2 through 170), the product also supports VHF band (channels 2 through 13) and UHF band (channels 14 through 83) up to 1 GHz, making it adaptable to video environments throughout the world.

Several new products were announced by Leader Instruments Corp., 380 Oser Ave., Hauppauge, NY 11788. **A 100-MHz attaché-case size oscilloscope**, Model



Leader Instruments oscilloscope

326, combines all the operating features expected of bench models, and offers dual-channel operation with alternate trigger and alternate, calibrated delayed sweep. Triggering options include separate H and V sync separators, making the product a powerful tool in operations and measurement.

A high-resolution RGB generator advances the maximum pixel-clock frequency to 300 MHz. Model 1605 offers a graphic user interface (GUI) that combines on-screen displays of menus and graphics with mouse control, greatly simplifying the set up of raster architecture to match the display needs and making custom pattern and user-character design a pleasant experience.

Model 411D is a **digital sync/test signal generator** that operates in D-2/D-3 systems. Featuring parallel and serial outputs, as well as analog feeds, the product offers precision video test signals and serial digital audio in the AES/EBU format. Stereo analog is also provided. Digital genlock is standard, and sync outputs include CW subcarrier, composite sync, and black burst.

SPG-1302N NTSC/D-2 Sync Pulse Generator, from Leitch Inc., 920 Corporate Lane, Chesapeake, VA 23320, is designed for master and slave operation. As a master unit, it provides a wide range of digitally generated accurate referencing signals. **The TSG-1302N NTSC/D-2 Test Signal Generator** provides a wide range of test signals in standard packages, supporting most 525-line standards or optional customized groupings. Digital signal generation guarantees the accuracy and stability required in today's broadcast installations. Both products have a high stability, internal sync generator, independent timing for pulses, black, and test signals, and adjustable blanking width and burst flag position.

The company also announced the **MIX-7000 Digital Interface Series**, which is a low-cost modular system. The modules for the line include multistandard serial

DAs, serial-to-NTSC (or PAL) monitoring DAs, 4*1 routers, test signal generators, composite and component digital serializers/deserializers, and the PROM-SLIDE™, which is a 4:2:2 still on a card. The 1RU MIX-7000 frame can hold any combination of up to four modules, and the 2RU frame can hold any combination of up to ten.

A **video delay line** was launched by Allen Avionics, Inc., 224 E. 2nd St., Mineola, NY 11501. The product, Part Number TDL488-T, has such advanced features as a ± 1 -nsec fine trimmer designed specifically for use with the NewTek Video Toaster® and the Commodore Amiga® computer-video systems. The delay line provides a 360-nsec fixed delay and 127-nsec switched variable delay (made up of 1, 2, 4, 8, 16, 32, and 64 delay steps for a total of 487 nsec of delay) to compensate for the Video Toaster board. The product also has an infinitely variable trimmer of ± 1 nsec to "tweak" the delay exactly. The fine trimmer offers complete control over the total color image quality. The company also offers delay lines with total delays of 5 to 2270 nsec, designed for use when the system configuration requires timing inputs 2, 3, and 4 on the Video Toaster.

A **300 compact-disc autochanger** was released by Pioneer Communications of America, 600 E. Crescent Ave., Upper Saddle River, NJ 07458-1827. The CAC-V3000 features a double CD-player design for seamless switching between discs; up to 32 of the units can be daisy-chained together, so as many as 9600 compact discs can be on-line at one time. The system can be computer controlled through the RS-232C or RS-422A port. With both analog and digital output, the product offers variable volume control for smooth fade in and fade out. A user can preprogram the system for extensive playback, or run it manually. A variable-speed playback feature gives the user added control.

A **digital audio series of wire and cables** was unveiled by Clark Wire & Cable, 1801 Holste, Northbrook, IL 60062. The products are designed for digital audio transmissions that require much lower capacitance than standard analog audio cables since the clock frequencies can be two to three times higher than the 22-kHz limit of analog audio. The cables are engineered to meet the needs of digital audio transmission and are available cut to length and preterminated with the appropriate connections for specific applications.

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Audio Engineer. Theater design, acoustics, equipment selection, implementation and final commissioning. Some IED experience helpful. Send resume and salary history to Iwerks Entertainment, 4540 W. Valerio St., Burbank, CA 91505-1046, Attn: David Snyder.

Senior Video Design Engineer. Immediate opening for professional with digital design expertise and good people skills. Requirements include knowledge of PAL and NTSC television standards, M.S.E.E. degree, and 3 to 5 years of experience in video circuit design. Job description includes design from concept to completion of new video processing circuitry; implementation under discrete digital form, FPGA and custom ICs; control of outside contractors for ASICs design. Company offers good salary and fringe benefits, potential for advancement, and challenging work in creating the ultimate TV images. Send or fax resume to Mr. Yves Faroudja, Faroudja Laboratories, 675 Palomar Ave., Sunnyvale, CA 94086. Fax: (408) 735-8571.

Positions Wanted

Editor - Video and Film. More than 7 years experience in various fields: news documentaries, science, sports, TV-film. VTRs: 1/2 in., 3/4 in., 1 in., S-VHS, and editing-controllers. Film: 16 and 35 mm. Willing to relocate to Middle East, Asia, or U.S. Available for full-time staff position or contract assignment. Contact D. M. Lucic, P.O. Box 21354, 3001 AJ Rotterdam, Netherlands. Fax: +31 10 486 12 04.

Electronics/Optical Engineer. Hands-on technician as well as design engineer seeks entertainment-related technical work on permanent or project basis. Special effects, film, video, lighting, audio, etc. Hardware and software design. Analog, digital, microprocessor-controlled, optical and electro-optical systems. Field repair/mod./installation experience. M.S. Physics/Optics, M.E.E. Contact Roger De Pietro, 68 Monroe St. #2B, Hoboken, NJ 07030. (201) 795-3616.

Engineer. B.S.E.E. with 12 years TV experience in maintenance, supervision, training, audio/video systems design, project management, installation. Seeks systems design or engineering management position. Will relocate. Contact J. Sipos, 1A Leander Lane, Morrisonville, NY 12962. (518) 561-5034.

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